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# Hopkins County Schools

## Computer Power Management Settings

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### WINDOWS XP Professional

Power Settings (set via Logon script):

- Turn off monitor: 15 minutes
- Turn off hard disks: 2 hours
- System Standby: 2 hours
- System Hibernate: 2 hours

### Windows Vista

Power Settings (set directly in GPO settings):

- Turn off monitor: 15 minutes
- Turn off hard disks: 2 hours
- System Standby: 2 hours
- System Hibernate: 2 hours

### Daily Shutdown Procedures

- If possible, all monitors should be powered completely off via the power button at the end of the day.
- All work being performed on the computer should be saved and closed. Computers going into standby/hibernation modes can be susceptible to losing data if not saved.
- During weekdays, the computer tower can be left on or shutdown. If left on, the settings above will place the computer in standby mode followed by hibernation 1 hour later.
- If possible, computers should be completely shut down on weekends.

### Holiday Break Shutdown Procedures -

- During any break from school, computers and monitors should be shutdown/powered down completely.

**\*\*NOTE\*\* - Computers that are shutdown MUST still remain plugged into a live power socket. If the computer is plugged into a surge strip, the strip must remain on and plugged in! Monitors do not have this requirement.**

Computers that are powered off, in standby (sleep) or in hibernation can be waked remotely by utilizing Wake-on-LAN (WOL) technology as long as they still have power supplied to the tower. Computers can be individually waked prior to remotely logging on or in masses for update purposes.

There are going to be several tasks to complete before this scheme is going to work efficiently with WOL. Settings will need to be changed on each computer throughout the district, including BIOS settings. This means technicians will have to have hands-on every computer in the district. In order for us to individually wake computers, we will also need to start keeping track of associated MAC addresses of computers since WOL technology works at the Data Link Layer before IP.

Enforcing this scheme is also going to bring about an expected increase in problems and work orders as well. Computers being shutdown and placed in standby/hibernation modes are naturally going to be more problematic in some ways. In other ways, it could be helpful in allowing resources to be freed upon shutdown on some computers. Additional training for techs and users alike will be necessary to familiarize everyone with the different habits of the different modes, as well.